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July 1, 2003-Sept. 30, 2004

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Resources

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Results of the 2003-04 Illinois Hunter Harvest Survey



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Human Dimensions Research Program
Illinois Natural History Survey

Report prepared by
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Linda K. Campbell, and
Pamela D. Leiter



December 15, 2004

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^a WMU = Wildlife Management Unit

^b AR = Administrative Region

2003-04 Illinois Hunter Harvest Survey

Objective

To survey resident hunters (18-24 game animal categories) annually to determine their activities and harvests in Illinois.

Abstract

A random sample of 3,000 potential hunters was selected from the 2003 Illinois Habitat Stamp stubs and license sales. The sample was evenly divided between each sample frame (1,500 from each frame). An eight page questionnaire was mailed to 2,886 of the 3,000 individuals sampled from the 2 sample frames. We received 1,891 (66%) returned questionnaires, 1,879 of which were usable. License sales increased 1.4% from the 2002 season (289,000) to the 2003 season (293,000). Comparisons of results from 2002-03 season to 2003-04 season suggest harvest estimates increased for 5 game animal categories (pheasant, dove, woodcock, gray squirrel, and coyote), decreased for 7 categories (rabbit, quail, fox squirrel, raccoon, red fox, gray fox, and opossum), and could not be calculated for 1 category (gray partridge). Use of the internet by hunters and types of hunting licenses purchased were profiled, as were attitudes toward wildlife and wildlife management and some general information about hunters.

Methods

Potential hunters were selected for this survey by a systematic random sampling of individuals who purchased Illinois resident hunting licenses and state habitat stamps. Of the 3,000 hunters sampled, 1,500 each were selected from license sales and habitat stamp sales.

From the 3,000 hunters sampled, 114 were deleted due to lack of forwarding address, incorrect address, or death, leaving a usable sample of 2,886 hunters. Participants were mailed a self-administered questionnaire accompanied with cover letter and return envelope on April 22, 2004 (Appendices B and C). This mailing was followed 10 days later with a thank you/reminder postcard to nonrespondents. On May 26, a second questionnaire, cover letter (Appendix D), and return envelope were mailed to nonrespondents. The second mailing was followed 10 days later with a postcard thank you/reminder. A total of 1,891 (66%) respondents returned questionnaires, 1,879 of which were usable (the other 12 questionnaires were not filled out or answers were judged to be insincere). Methods for survey questionnaire mailings and follow-up reminders followed those of Miller et al. (1999). Coded data were entered and analyzed using SPSS 10.0. Estimates for species harvests, hunters, and days afield were made using the formulas in Anderson and Campbell (1993).

Results

License Sales

Resident Illinois license sales for the 2003-04 hunting season totaled 293,000 (292,500 before rounding) and represented a 1.0% increase from the 2002-03 sales. With the exception of 2001, hunting license sales declined annually beginning in 1994 and continuing through 2002 (Table 1).

Of the 1,706 respondents who reported purchasing a resident hunting license, 473 (28%) purchased a regular hunting license without habitat stamp, 214 (13%) obtained a regular license with habitat stamp printed on license, 364 (21%) chose a sportsman's combination hunting and sport fishing license without habitat stamp, 431 (25%) chose a sportsman's combination license

with habitat stamp printed on license, and 266 (16%) were eligible for a senior citizen's license (Appendix G, Section 1).

Harvest

Harvest estimates represent game species harvested by Illinois resident hunters and do not include harvests by nonresidents. Including harvests by nonresidents for species such as mourning doves may result in larger total harvests. Except for statewide estimates (Table 2), data for big game species (i.e., white-tailed deer and eastern wild turkey) are not included in this report. The reader is directed to Illinois Department of Natural Resources (DNR) publications specific to these species for detailed information.

Statewide estimates of harvests for the 24 game animal categories included in this survey are presented in Table 2, and confidence intervals are provided for 13 of these categories in Table 3. Harvest estimates for these same 13 categories are summarized by wildlife management unit, administrative region, and year (1993 to 2003) in Tables 4-34.

Results suggest harvest increased during the 2003-04 season compared to the 2002-03 season for 5 game species: pheasant, dove, woodcock, gray squirrel, and coyote. Conversely, decreases occurred for 7 species: rabbit, quail, fox squirrel, raccoon, red fox, gray fox, and opossum. Change in harvest of gray partridge could not be calculated due to low responses for this species.

Hunting Activities

Of the 1,879 residents surveyed, 1,718 (91%) reported hunting in Illinois during the 2003-04 season. One-fifth (20%) of the respondents said they hunted waterfowl in Illinois in

2003-04 (Appendix G, Section 1).

Eight percent of the respondents used the internet to purchase hunting licenses and/or stamps (Appendix G, Section 1). Four percent of the respondents used the internet to purchase an Illinois hunting license, and 3% used the internet to purchase a nonresident hunting license for a state other than Illinois.

About 1 hunter in 10 (11%) said they paid to hunt on a private hunting preserve during the 2003-04 season (Appendix G, Section 1). Pheasants, quail, and chukar partridge were the game species most frequently pursued on the hunting preserves.

Chronic Wasting Disease. – Separate report.

Hunting Access. – Separate report.

Attitudes and Opinions

In order to determine hunters satisfaction with key wildlife programs administered by IDNR, survey participants were asked to rate each of 8 selected programs in terms of their importance and satisfaction. Using this method provided an importance/performance evaluation by which relative importance of the program can be equated with satisfaction with the same program. By collapsing “Very Important” and “Extremely Important,” deer management programs to control chronic wasting disease rated highest in importance among hunters (73%). Conversely, slightly more than one third (38%) of hunters stated they were “Very Satisfied” to “Extremely Satisfied” with the same program. Habitat enhancement programs were rated “Very” to “Extremely” important by 70% of hunters, compared to 29% who reported they were

“Very” to “Extremely” satisfied with habitat enhancement in Illinois. Wider disparities between importance and satisfaction were observed in response to land acquisition programs, for which 52% of hunters reported this program to be of high importance (combined “Very Important” and “Extremely Important”) compared to less than half (24%) as many hunters who reported they were highly satisfied (combined “Very Satisfied” and “Extremely Satisfied”) with land acquisition. Wide separation between importance and satisfaction was also noted in the perception toward allocation of nonresident permits, with 44% of hunters rating the program of high importance and half as many (22%) reporting high satisfaction with the program. Public land permit allocations also elicited a similar response, as 47% stated they held the program in high importance and 26% were highly satisfied with allocating permits for access to public lands. Closer agreement between importance and performance was noted for firearm deer permit allocations (62% high important/40% high satisfaction), archery deer permit allocations (52% high important/46% high satisfaction), and threatened and endangered species projects (58% high important/37% high satisfaction), (Appendix G, Section 4).

In summary, wildlife programs with greatest conflict between what constituents perceived as important and those with which they were least satisfied were: habitat enhancement programs (59% lower satisfaction compared to importance), land acquisition projects (53% lower satisfaction), nonresident permit allocations (50% lower satisfaction), and deer management programs to control CWD (48% lower satisfaction). Importance/Performance analyses provide a measure by which agency staff can view programs that have potential to result in conflict due to low satisfaction, and also provides the means by which senior staff may allocate resources to focus on those programs where greater disparity exists. More detailed

analyses can be performed using these data, however these are best presented in a forum other than the annual harvest report.

General Information

Respondents to this survey were 96% male/4% female, averaged 48 years of age, and had hunted in Illinois for an average of 30 years (Appendix G, Section 5). They represented 101 of the 102 counties in the state. Their total household income before taxes averaged \$56,000 in 2002.

References

- Anderson, W.L., and L.K. Campbell. 1993. Illinois Hunter Harvest Survey, 1992. Ill. Dep. Nat. Res., Fed. Aid in Wildl. Restoration Project W-112-R, Job 1, Job Completion Rep. 65pp.
- Miller, C.A., L.K. Campbell and K.D. Caldwell. [1999]. 1998-99 Illinois Hunter Harvest Survey Report. Ill. Dep. Nat. Res., Fed. Aid in Wildl. Restoration Project W-112-R-8, Job 1, Job Completion Rep. 77pp.

Table 1. Number of resident hunting licenses purchased in Illinois, 1938-2003.

Year	Licenses (x 1,000)	Year	Licenses (x 1,000)
1938	294	1971	464
1939	322	1972	446
1940	297	1973	478
1941	337	1974	470
1942	309	1975	463
1943	265	1976	458
1944	308	1977	424
1945	321	1978	389
1946	423	1979	344 ^a
1947	412	1980	337
1948	451	1981	338
1949	497	1982	328
1950	481	1983	315
1951	477	1984	310
1952	493	1985	307
1953	508	1986	311
1954	506	1987	317
1955	521	1988	323
1956	553	1989	317
1957	503	1990	330
1958	502	1991	336
1959	492	1992	317
1960	471	1993	313
1961	463	1994	326 ^b
1962	473	1995	324
1963	482	1996	316
1964	474	1997	305
1965	452	1998	301
1966	470	1999	294
1967	481	2000	290
1968	399	2001	296
1969	427	2002	289
1970	448	2003	293

^a Includes Sportsmen's (combination hunting/fishing) licenses beginning in 1979, which was the 1st year for this license.

^b Includes senior citizen (≥ 65 years) hunting licenses beginning in 1994, which was the 1st year for this license.

Table 2. Summary of Statewide Data from the 2003-04 Hunter Harvest Survey (n=1,879).

Species	Total Estimated Hunters	Percent of License Sales	Average Bag		Total Estimated Harvest	Days Afield	
			Daily	Season		Average	Total
Rabbit	64,758	22.14%	0.85	4.99	323,167	5.87	379,830
Quail	30,044	10.27%	1.15	6.80	204,236	5.91	177,617
Pheasant	50,592	17.30%	0.66	3.60	181,976	5.42	274,287
Dove	54,172	18.52%	4.84	23.53	1,274,765	4.86	263,390
Gray Partridge	623	0.21%	0.44	1.00	623	2.25	1,401
Woodcock	1,090	0.37%	0.41	1.57	1,712	3.86	4,203
Snipe	778	0.27%	1.58	3.80	2,958	2.40	1,868
Rail	156	0.05%	0.00	0.00	0	2.00	311
Crow	4,826	1.65%	2.21	9.35	45,144	4.23	20,393
Ground Hog	5,604	1.92%	0.49	4.42	24,751	9.11	51,059
Fox Squirrel	62,267	21.29%	1.16	7.59	472,608	6.55	407,539
Gray Squirrel	51,059	17.46%	1.32	8.96	457,664	6.80	346,984
Turkey-Spring	62,423	21.34%	0.11	0.45	28,176	4.10	256,230
Turkey-Fall Shotgun	10,741	3.67%	0.12	0.36	3,892	2.96	31,756
Turkey-Fall Archery	13,076	4.47%	0.00	0.07	934	19.56	255,763
Deer-Shotgun	179,641	61.42%	0.16	0.70	126,558	4.41	791,883
Deer-Muzzleloader	25,374	8.67%	0.16	0.46	11,675	2.83	71,763
Deer-Archery	99,783	34.11%	0.03	0.69	69,117	21.60	2,154,912
Deer-Handgun	14,633	5.00%	0.11	0.26	3,736	2.27	33,157
Raccoon	11,675	3.99%	1.25	19.39	226,341	15.53	181,353
Red Fox	1,712	0.59%	0.22	1.91	3,269	8.82	15,100
Gray Fox	778	0.27%	0.05	0.60	467	11.40	8,873
Coyote	26,775	9.15%	0.28	3.48	93,245	12.39	331,729
Opossum	778	0.27%	0.50	3.40	2,646	6.80	5,293

Table 3. Estimated Number (\pm 95% confidence interval) of Resident Licensed Hunters and Harvest in Illinois, 2003 (n=1,879).

Species	Total Estimated Hunters			Estimated Average Season Bag			Total Estimated Harvest		
Rabbit	64,758	\pm	5,603	4.99	\pm	0.65	323,167	\pm	51,210
Quail	30,044	\pm	4,097	6.80	\pm	1.61	204,236	\pm	56,644
Pheasant	50,592	\pm	5,104	3.60	\pm	0.64	181,976	\pm	37,746
Dove	54,172	\pm	5,243	23.53	\pm	3.11	1,274,765	\pm	211,090
Gray Partridge	623	\pm	622	1.00	\pm	1.96	623	\pm	1,246
Woodcock	1,090	\pm	822	1.57	\pm	2.77	1,712	\pm	3,104
Fox Squirrel	62,267	\pm	5,524	7.59	\pm	1.02	472,608	\pm	76,820
Gray Squirrel	51,059	\pm	5,123	8.96	\pm	1.63	457,664	\pm	96,251
Raccoon	11,675	\pm	2,642	19.39	\pm	6.18	226,341	\pm	89,318
Red Fox	1,712	\pm	1,030	1.91	\pm	1.66	3,269	\pm	3,374
Gray Fox	778	\pm	695	0.60	\pm	1.17	467	\pm	934
Coyote	26,775	\pm	3,892	3.48	\pm	1.29	93,245	\pm	37,631
Opossum	778	\pm	695	3.40	\pm	2.52	2,646	\pm	2,969

Table 4. Summary of 2003 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.

Rabbit (416)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	<u>Average Bag</u>		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Northwest Hills	5,137	7.93	0.71	4.85	24,907	34,870
Northeast Moraine	778	1.20	0.23	1.00	778	3,425
Mississippi Border-North	3,113	4.81	1.06	6.70	20,860	19,614
Mississippi Border-South	11,986	18.51	1.19	5.40	64,758	54,328
Western Prairie/Forest	5,760	8.89	0.93	5.57	32,068	34,558
Central Sand Prairie	1,868	2.88	0.53	2.08	3,892	7,316
Grand Prairie	23,039	35.58	0.62	3.55	81,881	132,629
Southern Plain	10,741	16.59	1.12	7.58	81,414	72,853
Wabash Border	1,401	2.16	1.08	6.11	8,562	7,939
Shawnee Hills	778	1.20	0.27	4.20	3,269	11,986
Unknown	156	0.24	2.50	5.00	778	311

Table 5. Summary of 2003 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.

Quail (193)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	<u>Average Bag</u> Daily Season		Estimated Total Harvest	Estimated Days Afield
Northwest Hills	934	3.11	0.54	2.33	2,179	4,047
Northeast Moraine	467	1.55	2.71	6.33	2,958	1,090
Mississippi Border-North	1,401	4.66	0.36	2.33	3,269	9,184
Mississippi Border-South	5,915	19.69	1.37	5.53	32,690	23,817
Western Prairie/Forest	2,958	9.84	0.63	3.68	10,897	17,435
Central Sand Prairie	1,868	6.22	0.60	3.00	5,604	9,340
Grand Prairie	7,939	26.42	0.71	4.96	39,384	55,106
Southern Plain	7,005	23.32	1.82	12.24	85,773	47,012
Wabash Border	1,401	4.66	2.03	14.22	19,926	9,807
Shawnee Hills	156	0.52	2.00	10.00	1,557	778
Unknown	-	-	-	-	-	-

Table 6. Summary of 2003 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.

Pheasant (325)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	<u>Average Bag</u>		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Northwest Hills	5,448	10.77	0.85	4.23	23,039	27,086
Northeast Moraine	4,047	8.00	0.85	5.38	21,794	25,685
Mississippi Border-North	1,245	2.46	0.38	1.88	2,335	6,071
Mississippi Border-South	467	0.92	3.50	4.67	2,179	623
Western Prairie/Forest	2,335	4.62	0.51	2.87	6,694	13,076
Central Sand Prairie	3,425	6.77	1.05	6.14	21,015	19,926
Grand Prairie	31,134	61.54	0.57	3.23	100,562	175,127
Southern Plain	2,491	4.92	0.65	1.75	4,359	6,694
Wabash Border	-	-	-	-	-	-
Shawnee Hills	-	-	-	-	-	-
Unknown	-	-	-	-	-	-

Table 7. Summary of 2003 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.

Dove (348)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	<u>Average Bag</u>		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Northwest Hills	2,491	4.60	3.18	16.31	40,629	12,765
Northeast Moraine	2,335	4.31	3.90	17.67	41,252	10,585
Mississippi Border-North	2,491	4.60	4.17	18.00	44,832	10,741
Mississippi Border-South	11,519	21.26	4.96	23.05	265,570	53,550
Western Prairie/Forest	4,359	8.05	4.40	18.07	78,768	17,902
Central Sand Prairie	4,514	8.33	6.02	26.79	120,954	20,081
Grand Prairie	14,633	27.01	4.74	28.11	411,275	86,707
Southern Plain	9,807	18.10	5.59	22.46	220,270	39,384
Wabash Border	1,245	2.30	6.06	36.38	45,299	7,472
Shawnee Hills	778	1.44	1.41	7.60	5,915	4,203
Unknown	-	-	-	-	-	-

Table 8. Summary of 2003 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.

Gray Partridge (4)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	<u>Average Bag</u>		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Northwest Hills	156	14.29	0.00	0.00	0	311
Northeast Moraine	-	-	-	-	-	-
Mississippi Border-North	-	-	-	-	-	-
Mississippi Border-South	-	-	-	-	-	-
Western Prairie/Forest	-	-	-	-	-	-
Central Sand Prairie	-	-	-	-	-	-
Grand Prairie	467	42.86	0.57	1.33	623	1,090
Southern Plain	-	-	-	-	-	-
Wabash Border	-	-	-	-	-	-
Shawnee Hills	-	-	-	-	-	-
Unknown	-	-	-	-	-	-

Table 9. Summary of 2003 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.

Woodcock (7)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	<u>Average Bag</u>		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Northwest Hills	-	-	-	-	-	-
Northeast Moraine	-	-	-	-	-	-
Mississippi Border-North	-	-	-	-	-	-
Mississippi Border-South	311	28.57	1.38	5.50	1,712	1,245
Western Prairie/Forest	156	14.29	0.00	0.00	0	156
Central Sand Prairie	-	-	-	-	-	-
Grand Prairie	623	57.14	0.00	0.00	0	2,802
Southern Plain	-	-	-	-	-	-
Wabash Border	-	-	-	-	-	-
Shawnee Hills	-	-	-	-	-	-
Unknown	-	-	-	-	-	-

Table 10. Summary of 2003 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.

Fox Squirrel (400)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	<u>Average Bag</u>		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Northwest Hills	3,269	5.25	0.78	2.95	9,651	12,298
Northeast Moraine	623	1.00	1.18	6.50	4,047	3,425
Mississippi Border-North	4,359	7.00	1.52	8.54	37,205	24,440
Mississippi Border-South	14,477	23.25	1.27	9.09	131,539	103,675
Western Prairie/Forest	7,628	12.25	1.71	9.65	73,631	42,964
Central Sand Prairie	2,491	4.00	1.36	6.13	15,255	11,208
Grand Prairie	15,411	24.75	1.12	7.20	110,991	99,316
Southern Plain	10,274	16.50	0.70	6.02	61,800	87,952
Wabash Border	1,868	3.00	1.71	11.67	21,794	12,765
Shawnee Hills	1,868	3.00	0.70	3.58	6,694	9,496
Unknown	-	-	-	-	-	-

Table 11. Summary of 2003 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.

Gray Squirrel (328)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	<u>Average Bag</u>		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Northwest Hills	4,203	8.23	1.30	5.44	22,883	17,590
Northeast Moraine	623	1.22	0.85	10.25	6,382	7,472
Mississippi Border-North	2,802	5.49	1.29	7.00	19,614	15,255
Mississippi Border-South	14,321	28.05	1.21	7.40	106,010	87,797
Western Prairie/Forest	5,137	10.06	1.77	10.27	52,771	29,888
Central Sand Prairie	1,245	2.44	1.11	5.25	6,538	5,915
Grand Prairie	7,005	13.72	0.75	5.91	41,408	54,951
Southern Plain	11,831	23.17	1.45	12.96	153,333	105,854
Wabash Border	2,024	3.96	2.67	14.38	29,110	10,897
Shawnee Hills	1,868	3.66	1.73	10.50	19,614	11,364
Unknown	-	-	-	-	-	-

Table 12. Summary of 2003 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.

Raccoon (75)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	<u>Average Bag</u>		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Northwest Hills	1,868	16.00	1.66	37.67	70,362	42,497
Northeast Moraine	156	1.33	1.67	20.00	3,113	1,868
Mississippi Border-North	623	5.33	1.27	20.00	12,453	9,807
Mississippi Border-South	778	6.67	0.78	16.60	12,920	16,656
Western Prairie/Forest	2,491	21.33	1.34	28.63	71,296	53,083
Central Sand Prairie	311	2.67	1.40	3.50	1,090	778
Grand Prairie	3,425	29.33	1.17	10.82	37,049	31,756
Southern Plain	1,401	12.00	0.49	6.78	9,496	19,459
Wabash Border	311	2.67	0.83	5.00	1,557	1,868
Shawnee Hills	311	2.67	1.96	22.50	7,005	3,580
Unknown	-	-	-	-	-	-

Table 13. Summary of 2003 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.

Red Fox (11)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	<u>Average Bag</u>		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Northwest Hills	311	18.18	0.00	0.00	0	3,113
Northeast Moraine	-	-	-	-	-	-
Mississippi Border-North	311	18.18	0.00	0.00	0	778
Mississippi Border-South	-	-	-	-	-	-
Western Prairie/Forest	311	18.18	0.55	3.00	934	1,712
Central Sand Prairie	-	-	-	-	-	-
Grand Prairie	311	18.18	0.23	3.50	1,090	4,670
Southern Plain	311	18.18	0.00	0.00	0	934
Wabash Border	156	9.09	0.32	8.00	1,245	3,892
Shawnee Hills	-	-	-	-	-	-
Unknown	-	-	-	-	-	-

Table 14. Summary of 2003 Hunting Effort and Success in Wildlife Management Units
in Illinois for the Species Listed Below.

Gray Fox (5)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	<u>Average Bag</u>		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Northwest Hills	156	20.00	0.00	0.00	0	2,335
Northeast Moraine	-	-	-	-	-	-
Mississippi Border-North	156	20.00	0.00	0.00	0	311
Mississippi Border-South	-	-	-	-	-	-
Western Prairie/Forest	156	20.00	0.00	0.00	0	1,557
Central Sand Prairie	-	-	-	-	-	-
Grand Prairie	-	-	-	-	-	-
Southern Plain	156	20.00	0.00	0.00	0	778
Wabash Border	156	20.00	0.12	3.00	467	3,892
Shawnee Hills	-	-	-	-	-	-
Unknown	-	-	-	-	-	-

Table 15. Summary of 2003 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.

Coyote (172)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	<u>Average Bag</u>		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Northwest Hills	2,958	11.05	0.23	1.11	3,269	14,477
Northeast Moraine	934	3.49	0.35	1.00	934	2,646
Mississippi Border-North	1,868	6.98	0.11	2.25	4,203	36,893
Mississippi Border-South	4,047	15.12	0.29	2.23	9,029	30,667
Western Prairie/Forest	4,514	16.86	0.28	4.55	20,548	74,409
Central Sand Prairie	934	3.49	0.94	5.33	4,981	5,293
Grand Prairie	7,005	26.16	0.23	3.22	22,572	99,161
Southern Plain	3,425	12.79	0.25	3.59	12,298	48,413
Wabash Border	467	1.74	0.88	30.33	14,166	16,034
Shawnee Hills	623	2.33	0.33	2.00	1,245	3,736
Unknown	-	-	-	-	-	-

Table 16. Summary of 2003 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.

Opossum (5)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	<u>Average Bag</u>		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Northwest Hills	-	-	-	-	-	-
Northeast Moraine	-	-	-	-	-	-
Mississippi Border-North	-	-	-	-	-	-
Mississippi Border-South	311	40.00	0.45	2.50	778	1,712
Western Prairie/Forest	156	20.00	1.00	1.00	156	156
Central Sand Prairie	-	-	-	-	-	-
Grand Prairie	311	40.00	0.50	5.50	1,712	3,425
Southern Plain	-	-	-	-	-	-
Wabash Border	-	-	-	-	-	-
Shawnee Hills	-	-	-	-	-	-
Unknown	-	-	-	-	-	-

Table 17. Percent change in harvest from 2002 to 2003 in Wildlife Management Units for selected species.

Wildlife Management Unit	Rabbit	Quail	Pheasant	Fox Squirrel	Gray Squirrel	Dove	Raccoon	Red Fox	Gray Fox	Coyote
Northwest Hills	-4	-31	78	-57	26	84	132	-100	0	-39
Northeast Moraine	-93	34	33	28	62	-24	97	---	---	491
Mississippi Border-North	-22	-80	269	-12	-18	-9	-64	0	---	2
Mississippi Border-South	-4	-57	72	68	-6	27	-69	-100	---	68
Western Prairie Forest	3	-51	77	-8	31	2	95	491	---	100
Central Sand Prairie	-75	-18	432	-18	66	223	-43	---	---	250
Grand Prairie	10	83	8	-18	-14	3	-16	-1	---	-39
Southern Plain	16	18	-55	-17	22	39	-73	-100	-100	24
Wabash Border	-35	134	---	15	-25	46	-79	688	---	590
Shawnee Hills	-78	-65	---	-17	-31	-79	43	---	---	58

Note: For Red and Gray fox, percentage change could not be calculated in certain WMUs due to no harvest in 2002 in those units.

Table 18. Summary of 2003 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.

Rabbit (416)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	<u>Average Bag</u>		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Region 1	17,435	26.92	0.74	4.54	79,079	106,633
Region 2	2,646	4.09	0.43	2.47	6,538	15,255
Region 3	14,477	22.36	0.64	3.94	56,974	89,198
Region 4	21,327	32.93	1.22	5.62	119,864	97,915
Region 5	8,717	13.46	0.85	6.88	59,932	70,518
Unknown	156	0.24	2.50	5.00	778	311

Table 19. Summary of 2003 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.

Quail (193)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	<u>Average Bag</u>		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Region 1	7,316	24.35	0.73	4.72	34,558	47,479
Region 2	623	2.07	2.63	5.25	3,269	1,245
Region 3	3,425	11.40	0.29	1.73	5,915	20,548
Region 4	12,142	40.41	1.06	4.97	60,399	57,130
Region 5	6,538	21.76	1.95	15.31	100,095	51,215

Table 20. Summary of 2003 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.

Pheasant (325)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	<u>Average Bag</u>		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Region 1	19,926	39.38	0.69	3.85	76,744	111,458
Region 2	7,316	14.46	0.94	6.00	43,898	46,545
Region 3	16,501	32.62	0.41	2.01	33,157	80,792
Region 4	5,604	11.08	0.81	4.61	25,841	31,912
Region 5	1,245	2.46	0.65	1.88	2,335	3,580

Table 21. Summary of 2003 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.

Dove (348)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	<u>Average Bag</u>		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Region 1	14,633	27.01	4.69	22.47	328,771	70,051
Region 2	3,892	7.18	4.13	21.00	81,726	19,770
Region 3	7,628	14.08	4.29	22.92	174,815	40,785
Region 4	19,303	35.63	5.22	24.81	478,990	91,688
Region 5	8,717	16.09	5.12	24.14	210,463	41,096

Table 22. Summary of 2003 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.

Gray Partridge (4)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	<u>Average Bag</u>		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Region 1	467	75.00	0.00	0.00	0	1090
Region 2	156	25.00	2.00	4.00	623	311
Region 3	-	-	-	-	-	-
Region 4	-	-	-	-	-	-
Region 5	-	-	-	-	-	-

Table 23. Summary of 2003 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.

Woodcock (7)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	<u>Average Bag</u>		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Region 1	311	28.57	0.00	0.00	0	1,712
Region 2	156	14.29	0.00	0.00	0	311
Region 3	311	28.57	0.00	0.00	0	934
Region 4	311	28.57	1.38	5.50	1712	1,245
Region 5	-	-	-	-	-	-

Table 24. Summary of 2003 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.

Fox Squirrel (400)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	<u>Average Bag</u>		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Region 1	15,255	24.50	1.24	6.27	95,580	77,056
Region 2	1,712	2.75	0.81	6.91	11,831	14,633
Region 3	8,095	13.00	1.24	7.31	59,154	47,790
Region 4	26,152	42.00	1.31	8.86	231,634	176,683
Region 5	11,052	17.75	0.81	6.73	74,409	91,377

Table 25. Summary of 2003 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.

Gray Squirrel (328)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	<u>Average Bag</u>		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Region 1	10,118	19.82	1.03	5.28	53,394	51,682
Region 2	1,245	2.44	0.89	9.63	11,986	13,543
Region 3	3,736	7.32	0.91	7.00	26,152	28,643
Region 4	23,506	46.04	1.33	8.41	197,698	148,196
Region 5	12,453	24.39	1.61	13.53	168,433	104,920

Table 26. Summary of 2003 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.

Raccoon (75)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	<u>Average Bag</u>		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Region 1	5,293	45.33	1.34	21.47	113,638	84,683
Region 2	311	2.67	1.36	15.00	4,670	3,425
Region 3	2,024	17.33	1.22	13.08	26,464	21,638
Region 4	2,335	20.00	1.35	27.27	63,668	47,323
Region 5	1,712	14.67	0.74	10.45	17,902	24,284

Table 27. Summary of 2003 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.

Red Fox (11)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	<u>Average Bag</u>		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Region 1	623	36.36	0.15	1.25	778	5,137
Region 2	-	-	-	-	-	-
Region 3	311	18.18	0.23	3.50	1,090	4,670
Region 4	311	18.18	0.33	0.50	156	467
Region 5	467	27.27	0.26	2.67	1,245	4,826

Table 28. Summary of 2003 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.

Gray Fox (5)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	<u>Average Bag</u>		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Region 1	311	40.00	0.00	0.00	0	3,892
Region 2	-	-	-	-	-	-
Region 3	-	-	-	-	-	-
Region 4	156	20.00	0.00	0.00	0	311
Region 5	311	40.00	0.10	1.50	467	4,670

Table 29. Summary of 2003 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.

Coyote (172)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	<u>Average Bag</u>		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Region 1	10,741	40.12	0.25	3.45	37,049	150,220
Region 2	1,557	5.81	0.43	2.50	3,892	9,029
Region 3	3,269	12.21	0.28	3.62	11,831	41,563
Region 4	7,161	26.74	0.24	2.50	17,902	74,409
Region 5	4,047	15.12	0.40	5.58	22,572	56,507

Table 30. Summary of 2003 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.

Opossum (5)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	<u>Average Bag</u>		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Region 1	156	20.00	1.00	1.00	156	156
Region 2	-	-	-	-	-	-
Region 3	311	40.00	0.50	5.50	1,712	3,425
Region 4	156	20.00	0.40	4.00	623	1,557
Region 5	156	20.00	1.00	1.00	156	156

Table 31. Percent change in harvest from 2002 to 2003 in Administrative Regions for selected species.

Administrative Regions	Rabbit	Quail	Pheasant	Fox Squirrel	Gray Squirrel	Dove	Raccoon	Red Fox	Gray Fox	Coyote
Region 1	-5	188	129	-32	-17	75	33	-59	0	30
Region 2	-65	-26	-3	31	58	-24	146	---	---	174
Region 3	165	-54	-20	-14	-9	-10	36	72	---	-44
Region 4	-16	-52	56	16	-5	9	-29	-51	---	27
Region 5	-28	27	-55	16	23	51	-59	31	-58	96

Note: For Red and Gray fox, percentage change could not be calculated in certain regions due to no harvest in 2002 in those regions.

Table 32. Distribution of hunting effort and success among resident Illinois hunters in 2003.

	Days Afield		Animals Harvested	
	<u>Range</u>	<u>Percent of Hunters</u>	<u>Range</u>	<u>Percent of Hunters</u>
Rabbit	---		0	19.5
	1-5	68.3	1-5	50.0
	6-10	20.9	6-10	18.0
	11-14	2.1	11-14	4.6
	15-19	3.4	15-19	3.3
	20-24	3.1	20-24	2.2
	25+	2.2	25+	2.4
Quail	---		0	32.1
	1-5	65.8	1-5	37.3
	6-10	22.8	6-10	14.0
	11-14	2.6	11-14	3.1
	15-19	3.1	15-19	2.1
	20-24	3.1	20-24	3.1
	25+	2.6	25+	8.3
Pheasant	---		0	34.8
	1-5	68.6	1-5	44.9
	6-10	20.0	6-10	10.8
	11-14	2.5	11-14	3.0
	15-19	4.6	15-19	3.1
	20-24	3.1	20-24	2.2
	25+	1.2	25+	1.2
Dove	---		0	10.1
	1-5	73.3	1-5	15.5
	6-10	18.1	6-10	16.9
	11-14	2.9	11-14	6.1
	15-19	3.1	15-19	10.6
	20-24	1.7	20-24	7.2
	25+	0.9	25+	33.6
Gray Partridge	---		0	80.0
	1-5	100	1-5	20.0
	6-10	---	6-10	---
	11-14	---	11-14	---
	15-19	---	15-19	---
	20-24	---	20-24	---
	25+	---	25+	---

Table 32 – continued.

Table 32 – page 2.

	Days Afield		Animals Harvested	
	<u>Range</u>	<u>Percent of Hunters</u>	<u>Range</u>	<u>Percent of Hunters</u>
Woodcock	---	---	0	71.4
	1-5	71.4	1-5	14.3
	6-10	28.6	6-10	14.3
	11-14	---	11-14	---
	15-19	---	15-19	---
	20-24	---	20-24	---
	25+	---	25+	---
Fox Squirrel	---	---	0	13.0
	1-5	65.8	1-5	46.0
	6-10	20.0	6-10	21.8
	11-14	2.7	11-14	6.5
	15-19	3.8	15-19	3.2
	20-24	3.5	20-24	3.5
	25+	4.2	25+	6.0
Gray Squirrel	---	---	0	14.6
	1-5	64.0	1-5	43.3
	6-10	21.1	6-10	18.9
	11-14	2.7	11-14	6.7
	15-19	3.4	15-19	4.9
	20-24	3.6	20-24	3.1
	25+	5.2	25+	8.5
Raccoon	---	---	0	13.3
	1-5	46.7	1-5	34.7
	6-10	10.6	6-10	6.7
	11-14	5.4	11-14	4.0
	15-19	6.6	15-19	6.6
	20-24	10.7	20-24	5.4
	25+	20.0	25+	29.3
Red Fox	---	---	0	54.5
	1-5	54.5	1-5	36.4
	6-10	18.2	6-10	9.1
	11-14	---	11-14	---
	15-19	9.1	15-19	---
	20-24	9.1	20-24	---
	25+	9.1	25+	---

Table 32 – continued.

Table 32 – page 3.

	Days Afield		Animals Harvested	
	<u>Range</u>	<u>Percent of Hunters</u>	<u>Range</u>	<u>Percent of Hunters</u>
Gray Fox	---		0	80.0
	1-5	40.0	1-5	20.0
	6-10	20.0	6-10	---
	11-14	---	11-14	---
	15-19	20.0	15-19	---
	20-24	---	20-24	---
	25+	20.0	25+	---
Coyote	---		0	40.7
	1-5	60.5	1-5	43.0
	6-10	16.8	6-10	9.3
	11-14	1.8	11-14	1.2
	15-19	2.9	15-19	1.7
	20-24	3.5	20-24	1.2
	25+	14.5	25+	2.9
Opossum	---		0	---
	1-5	60.0	1-5	80.0
	6-10	20.0	6-10	20.0
	11-14	---	11-14	---
	15-19	---	15-19	---
	20-24	20.0	20-24	---
	25+	---	25+	---

Table 33. Statewide data from resident Illinois hunters, 1993-2003.

Species and Seasons	Estimated Total Hunters	Average Daily Bag	Average Season Bag	Estimated Total Harvest	Average Days Afield	Estimated Total Days Afield
<u>Rabbit</u>						
1993	130,374	1.13	6.72	875,688	5.96	777,425
1994	141,659	1.06	6.25	884,850	5.92	838,808
1995	128,673	1.10	6.52	838,322	5.94	763,831
1996	109,758	0.94	4.75	521,424	5.08	557,535
1997	102,842	1.02	5.35	550,602	5.22	536,802
1998	98,190	1.07	6.20	608,878	5.78	567,079
1999	86,826	0.96	4.73	411,040	4.93	427,787
2000	88,461	1.07	5.94	525,891	5.56	491,482
2001	82,136	0.88	4.82	395,604	5.50	451,670
2002	72,672	0.86	4.81	349,614	5.57	404,908
2003	64,758	0.85	4.99	323,167	5.87	379,830
<u>Quail</u>						
1993	67,791	1.68	11.26	763,057	6.70	454,092
1994	75,407	1.61	11.19	843,974	6.94	523,677
1995	72,244	1.43	9.78	706,278	6.84	494,040
1996	56,542	1.22	7.54	426,585	6.20	350,372
1997	55,958	1.36	8.37	468,272	6.14	343,595
1998	55,618	1.42	9.35	519,786	6.57	365,292
1999	47,803	1.33	8.91	425,836	6.68	319,174
2000	44,298	1.16	6.55	290,310	5.63	249,398
2001	40,518	1.04	6.70	271,536	6.47	262,270
2002	34,124	1.13	6.83	233,181	6.06	206,640
2003	30,044	1.15	6.80	204,236	5.91	177,617
<u>Pheasant</u>						
1993	83,123	0.60	3.66	304,239	6.09	505,972
1994	89,727	0.54	3.27	293,560	6.05	542,439
1995	85,811	0.62	3.91	335,208	6.28	539,149
1996	77,069	0.57	3.08	237,382	5.42	417,367
1997	66,734	0.57	3.23	215,326	5.70	380,459
1998	68,149	0.52	2.77	188,740	5.29	360,486
1999	54,469	0.48	2.54	138,368	5.24	285,517
2000	53,375	0.62	3.22	171,639	5.17	275,950
2001	59,050	0.53	2.68	158,304	5.03	297,292
2002	50,080	0.52	2.84	142,026	5.46	273,625
2003	50,592	0.66	3.60	181,976	5.42	274,287

Table 33. Continued – page 2. Statewide data from resident Illinois hunters, 1993-2003.

Species and Seasons	Estimated Total Hunters	Average Daily Bag	Average Season Bag	Estimated Total Harvest	Average Days Afield	Estimated Total Days Afield
<u>Dove</u>						
1993	71,455	4.28	20.99	1,499,884	4.91	350,719
1994	68,700	3.95	18.82	1,293,242	4.77	327,729
1995	73,626	3.95	19.34	1,424,136	4.90	360,441
1996	67,756	3.57	18.43	1,248,586	5.17	350,277
1997	77,132	4.31	19.89	1,534,030	4.62	355,977
1998	61,798	4.11	19.31	1,193,380	4.69	290,020
1999	58,209	3.98	17.56	1,022,235	4.41	256,575
2000	61,367	4.54	19.84	1,217,324	4.37	268,093
2001	59,207	3.77	17.93	1,061,802	4.76	281,587
2002	58,295	4.03	18.29	1,066,379	4.54	264,620
2003	54,172	4.84	23.53	1,274,765	4.86	263,390
<u>Gray Partridge</u>						
1993	1,157	0.09	1.25	1,446	13.67	15,815
1994	816	0.06	0.44	363	7.78	6,344
1995	1,469	0.61	3.24	4,753	5.29	7,777
1996	665	1.37	3.71	2,471	2.71	1,806
1997	189	0.15	1.00	189	6.50	1,229
1998	944	0.13	1.18	1,116	8.82	8,326
1999	650	0.18	0.75	488	4.25	2,764
2000	271	1.25	2.50	677	2.00	542
2001	471	0.14	0.67	314	4.67	2,199
2002	158	0.00	0.00	0	1.00	158
2003	623	0.44	1.00	623	2.25	1,401
<u>Woodcock</u>						
1993	4,532	0.47	1.77	8,004	3.77	17,068
1994	2,810	0.38	2.68	7,523	7.00	19,667
1995	3,111	0.31	1.64	5,099	5.31	16,505
1996	2,661	0.30	1.96	5,227	6.50	17,295
1997	1,701	0.76	2.33	3,970	3.06	5,199
1998	1,974	0.68	2.09	4,120	3.09	6,094
1999	2,114	0.46	2.38	5,040	5.15	10,894
2000	1,355	0.43	1.70	2,303	4.00	5,419
2001	1,570	0.53	2.40	3,769	4.50	7,067
2002	1,738	0.15	0.73	1,264	4.82	8,373
2003	1,090	0.41	1.57	1,712	3.86	4,203

Table 33. Continued – page 3. Statewide data from resident Illinois hunters, 1993-2003.

Species and Seasons	Estimated Total Hunters	Average Daily Bag	Average Season Bag	Estimated Total Harvest	Average Days Afield	Estimated Total Days Afield
<u>Fox</u>						
<u>Squirrel</u>						
1993	104,627	1.39	8.04	841,551	5.77	603,560
1994	108,760	1.38	7.56	821,769	5.48	595,821
1995	97,909	1.36	7.84	767,201	5.75	562,655
1996	91,703	1.32	8.05	738,280	6.08	557,820
1997	85,166	1.39	7.22	615,162	5.18	441,238
1998	82,998	1.13	9.48	786,460	8.40	697,111
1999	83,411	1.14	7.28	607,618	6.39	532,986
2001	68,316	1.00	8.19	559,562	8.21	560,975
2002	63,667	1.09	7.56	481,213	6.95	442,508
2003	62,267	1.16	7.59	472,608	6.55	407,539
<u>Gray</u>						
<u>Squirrel</u>						
1993	71,552	1.38	7.75	554,670	5.63	403,177
1994	75,950	1.57	8.89	675,488	5.65	429,329
1995	67,923	1.38	7.72	524,372	5.60	380,662
1996	65,380	1.46	8.93	583,858	6.13	400,642
1997	60,779	1.31	7.46	453,432	5.70	346,620
1998	60,682	1.07	8.92	541,416	8.31	504,080
1999	56,095	0.90	6.35	356,083	7.05	395,268
2001	54,182	1.11	9.17	496,900	8.26	447,273
2002	49,606	1.15	8.96	444,719	7.78	385,792
2003	51,059	1.32	8.96	457,664	6.80	346,984
<u>Squirrels^a (Fox & Gray)</u>						
2000	96,048	1.47	11.71	1,125,070	7.96	764,316
<u>Raccoon</u>						
1993	18,129	1.36	15.84	287,171	11.68	211,762
1994	22,749	1.14	14.12	321,113	12.42	282,503
1995	19,789	1.32	17.18	340,047	13.00	257,260
1996	19,861	1.66	20.05	398,267	12.05	239,283
1997	24,482	1.51	23.19	567,711	15.33	375,260
1998	16,308	1.33	17.96	292,852	13.53	220,669
1999	15,447	1.26	17.88	276,249	14.17	218,853
2000	15,985	1.26	16.66	266,332	13.19	210,790
2001	16,176	1.24	20.73	335,297	16.75	270,908
2002	13,428	1.24	17.81	239,185	14.36	192,896
2003	11,675	1.25	19.39	226,341	15.53	181,353

Table 33. Continued – page 4. Statewide data from resident Illinois hunters, 1993-2003.

Species and Seasons	Estimated Total Hunters	Average Daily Bag	Average Season Bag	Estimated Total Harvest	Average Days Afield	Estimated Total Days Afield
<u>Red Fox</u>						
1993	4,436	0.13	1.24	5,497	9.50	42,140
1994	6,979	0.14	1.30	9,063	9.10	63,534
1995	4,062	0.18	1.40	5,703	7.77	31,542
1996	3,611	0.10	0.66	2,376	6.79	24,517
1997	3,308	0.08	1.11	3,686	13.74	45,466
1998	3,176	0.11	1.38	4,377	12.19	38,709
1999	3,089	0.12	1.00	3,089	8.68	26,828
2000	4,200	0.18	1.61	6,773	8.84	37,119
2001	2,827	0.04	0.33	942	7.44	21,044
2002	2,528	0.08	1.50	3,792	19.00	48,027
2003	1,712	0.22	1.91	3,269	8.82	15,100
<u>Gray Fox</u>						
1993	1,446	0.13	1.13	1,639	8.87	12,825
1994	2,991	0.08	0.73	2,175	8.91	26,646
1995	1,469	0.06	0.41	605	6.35	9,333
1996	1,520	0.00	0.00	0	5.94	9,028
1997	1,418	0.18	3.60	5,104	19.80	28,074
1998	1,631	0.03	0.37	601	13.00	21,200
1999	813	0.00	0.00	0	6.20	5,040
2000	813	0.00	0.00	0	10.50	8,535
2001	942	0.00	0.00	0	6.17	5,811
2002	632	0.09	1.75	1,106	20.25	12,797
2003	778	0.05	0.60	467	11.40	8,873
<u>Coyote</u>						
1993	33,751	0.23	3.03	102,120	13.17	444,449
1994	38,066	0.23	2.43	92,536	10.80	411,021
1995	32,233	0.24	2.66	85,898	11.08	357,244
1996	33,640	0.22	2.45	82,485	11.24	378,215
1997	33,272	0.26	3.13	104,165	11.83	393,598
1998	31,414	0.34	3.53	110,807	10.35	325,124
1999	31,056	0.31	2.89	89,752	9.43	292,834
2000	35,899	0.29	2.92	104,718	10.10	362,651
2001	32,823	0.23	3.68	120,927	16.25	533,335
2002	26,383	0.25	2.90	76,463	11.79	311,067
2003	26,775	0.28	3.48	93,245	12.39	331,729

Table 33. Continued – page 5. Statewide data from resident Illinois hunters, 1993-2003.

Species and Seasons	Estimated Total Hunters	Average Daily Bag	Average Season Bag	Estimated Total Harvest	Average Days Afield	Estimated Total Days Afield
<u>Opossum</u>						
1993	4,822	0.63	3.38	16,297	5.38	25,940
1994	4,985	0.33	3.05	15,226	9.38	46,767
1995	5,099	0.47	3.53	17,975	7.58	38,628
1996	4,466	0.31	3.79	16,915	12.15	54,262
1997	5,955	0.57	5.90	35,163	10.38	61,819
1998	2,918	0.39	4.41	12,875	11.18	32,615
1999	2,276	0.53	5.29	12,032	9.93	22,601
2000	3,387	0.26	3.08	10,431	11.80	39,963
2001	2,984	0.66	2.95	8,795	4.47	13,349
2002	3,160	0.42	3.95	12,481	9.30	29,385
2003	778	0.50	3.40	2,646	6.80	5,293

^aFor the year 2000 fox squirrel harvest was 628,576 (55.9%) and gray squirrel harvest was 496,494(44.1%).

Table 34. Percent change in statewide harvest.

Species	2003 Estimated Harvest	% Change 1 Year ^a	% Change 5 Years ^a	% Change 10 Years ^a
Rabbit	323,167	-8	-47	-63
Quail	204,236	-12	-61	-73
Pheasant	181,976	28	-4	-40
Dove	1,274,765	20	7	-15
Gray Partridge	623	---	-44	-57
Woodcock	1,712	35	-58	-79
Fox squirrel	472,608	-2	-40	-44
Gray Squirrel	457,664	3	-15	-17
Raccoon	226,341	-5	-23	-21
Red Fox	3,269	-14	-25	-41
Gray Fox	467	-58	-22	-72
Coyote	93,245	22	-16	-9
Opossum	2,646	-79	-79	-84

^aFrom 2002, 1998, and 1993, respectively; see also Table 33.

Appendix A

Illinois hunting season dates and bag limits, 2003-2004 .

Species	Zone	Duration	Bag Limit Daily	Bag Limit Possession
<u>Upland Wildlife</u>				
Rabbit	North	Nov. 1-Jan. 8	4	10 ^a
	South	Nov. 1-Jan. 22	4	10 ^a
Quail	North	Nov. 1-Jan. 8	8	20 ^a
	South	Nov. 1-Jan. 15	8	20 ^a
Pheasant	North	Nov. 1-Jan. 8	2	6 ^a
	South	Nov. 1-Jan. 15	2	6 ^a
Gray Partridge	North	Nov. 1-Jan. 8	2	6 ^a
	South	Nov. 1-Jan. 15	2	6 ^a
Woodchuck (Groundhog)	Statewide	June 1 - March 31 ^b	No limit	No Limit
<u>Migratory Wildlife</u>				
Dove	Statewide	Sept. 1-Oct. 14 & Nov 1-16	15	30
Woodcock	Statewide	Oct. 18-Dec 1	3	6
Snipe	Statewide	Sept. 6-Dec. 21	8	16
Rail	Statewide	Sept 6-Nov. 14	25	25
Crow	Statewide	July 1- Aug. 15 & Dec. 15 - March 1	No Limit	No Limit
<u>Forest Wildlife</u>				
Squirrel (Fox & Gray)	Statewide	Aug. 1-Jan. 20 ^b	5	10 ^a
Turkey-Spring	South	April 5-May 6	1 per permit	
	North	April 12-May 13	1 per permit	
Turkey-Fall Shotgun	Statewide	Oct. 25-Nov. 2	1 per permit	
Turkey-Fall Archery	Statewide	Oct.1-Jan. 15 ^b	1 per permit	
Deer (Shotgun)	Statewide	Nov. 21-23; Dec. 4-7	1 per permit	
Deer (M Only)	Statewide	Dec. 12-14; Also allowed		
		Dec. 4-7	1 per permit	
Deer (H Only)	Selected Counties	Jan. 16-18	1 per permit	
Deer Archery	Statewide	Oct. 1 - Jan. 15 ^b	1 per permit	
<u>Furbearers</u>				
Raccoon	North	Nov. 5-Feb 10 ^b	No Limit	No Limit
	South	Nov. 10-Feb 15 ^b	No Limit	No Limit
Opossum	North	Nov. 5-Feb 10 ^b	No Limit	No Limit
	South	Nov. 10-Feb 15 ^b	No Limit	No Limit
Fox	Statewide	Nov. 10-Jan 31 ^b	No Limit	No Limit
Coyote	Statewide	Year-Round ^b	No Limit	No Limit

^aOn the 2nd day of the hunting season, you may possess no more than twice the daily bag limit.

^bClosed Nov. 21-23; Dec. 4-7 in counties open for firearm deer hunting.

Illinois Hunter Harvest Survey

2003 – 2004 Season



ALL RESPONSES ARE CONFIDENTIAL

THANK YOU FOR YOUR COOPERATION!

Postage-paid return envelope provided



Illinois Department of Natural Resources
Division of Wildlife Resources
and the
Illinois Natural History Survey



The Department of Natural Resources is requesting disclosure of information that is necessary to accomplish the statutory purpose as outlined under the Illinois Compiled Statutes, The Wildlife Code, Chapter 520. Disclosure of information is voluntary.

Please take 15 minutes of your time to complete this questionnaire. Your responses will tell us more about Illinois hunters and how you feel about important issues facing hunters in Illinois.

Section 1. Hunter Harvest and Days Afield. Please complete the following questionnaire for the **past hunting season (February 2003 - January 2004)**. Include **only** the game harvested and days hunted **IN ILLINOIS**. List only your retrieved kill, not those hit and not found. **DO NOT** list any upland game harvested or days hunted on licensed shooting preserves or controlled (put-and-take) hunting areas. Count part of a day as a whole day.

1. Did you hunt in Illinois during the 2003-2004 season? _____ Yes _____ No (please go to question 3)

Please provide the days hunted, harvest and counties hunted for the following species.

<u>Game Species</u>	Number of Days Hunted	Number Harvested	County Hunted <u>Most Often</u>
Rabbit	_____	_____	_____
Quail	_____	_____	_____
Pheasant	_____	_____	_____
Dove	_____	_____	_____
Gray (Hungarian) Partridge	_____	_____	_____
Woodcock	_____	_____	_____
Snipe	_____	_____	_____
Rail	_____	_____	_____
Crow	_____	_____	_____
Ground Hog (Woodchuck)	_____	_____	_____
Gray Squirrel	_____	_____	_____
Fox Squirrel	_____	_____	_____
Turkey – Spring	_____	_____	_____
Turkey – Fall Shotgun	_____	_____	_____
Turkey – Fall Archery	_____	_____	_____
Deer – Shotgun	_____	_____	_____
Deer – Muzzleloader	_____	_____	_____
Deer – Archery	_____	_____	_____
Deer – Handgun	_____	_____	_____
<u>Furbearers</u> (Hunted <u>only</u> – not trapped)			
Raccoon	_____	_____	_____
Red Fox	_____	_____	_____
Gray Fox	_____	_____	_____
Coyote	_____	_____	_____
Opossum	_____	_____	_____

2. Did you hunt waterfowl in Illinois during the 2003-2004 season?
 _____ Yes
 _____ No

3. Which of the following resident Illinois hunting license types did you purchase **for your personal use** for the 2003-2004 season? Please **indicate the number of each** you purchased.

_____ Regular hunting license without Habitat Stamp
_____ Separate Habitat Stamp to be affixed to license
_____ Regular hunting license with Habitat Stamp printed on license
_____ Sportsman's combination license without Habitat Stamp
_____ Sportsman's combination license with Habitat Stamp printed on license
_____ Senior citizen's hunting license
_____ Resident senior sportsman's combination license

4. Did you purchase any of the following over the Internet during the past 12 months?

_____ Illinois Resident Hunting License _____ Illinois State Waterfowl Stamp
_____ Illinois Habitat Stamp _____ Illinois Trappers

License

_____ Nonresident hunting license for a state other than Illinois (Please identify state):

5. Did you pay to hunt on a private hunting preserve during 2003-2004 hunting seasons?

_____ Yes _____ No (Please go to **Section 2**)

- 5a. If "Yes" what species did you hunt on a private hunting preserve? Please check all that apply.

_____ Pheasants _____ White-tailed Deer
_____ Quail _____ Wild Boar/Pigs
_____ Chukar _____ Other Exotic Game _____

_____ Dove _____ Other Small Game _____

Section 2. Chronic Wasting Disease in Illinois. Please complete the following questions related to Chronic Wasting Disease (CWD) in ILLINOIS.

1. Have you heard about Chronic Wasting Disease (CWD) in Illinois deer?

_____ Yes _____ No

2. Did you hunt during the 2003 Illinois deer season?

_____ Yes _____ No (Please go to **Question 5**)

3. Are you going to hunt the same location next year that you hunted during the 2003 Illinois deer season?

_____ Yes _____ No

3a. If you decide **not to hunt deer during the 2004 season at the same place** where you usually hunt, what is the reason why? Please check the **one statement** that matches your response.

- _____ 1) CWD was found in my area
 _____ 2) lost access to land I hunt
 _____ 3) lack of deer from CWD surveillance shooting
 _____ 4) not hunting deer this year
 _____ 5) other (please explain): _____

4. Do you think the presence of CWD will cause you to make changes in your hunting during the 2004-2005 deer season? Please place a check next to the **one statement** that best matches what you will do.

- _____ 1) No change, I plan to hunt the same as always
 _____ 2) I will check how deer are acting before shooting
 _____ 3) I plan to hunt a different location
 _____ 4) I will check to see if CWD is in the area where I plan to hunt
 _____ 5) I will consider not hunting deer in Illinois because of CWD

5. Which of the following describes your opinion of CWD? Please **check one** response.

- _____ 1) the threat of CWD has been exaggerated
 _____ 2) CWD poses some risk to deer, but not to humans
 _____ 3) CWD may pose some risk to humans, but not enough is known to be sure
 _____ 4) CWD can possibly infect humans if they eat meat from animals infected with it

6. Please give your opinion of the risk of the following by circling the number that matches your response.

	No Risk	Slight Risk	Moderate Risk	High Risk	Undecided
Contracting Lyme disease	1	2	3	4	5
Eating meat contaminated with Chronic Wasting Disease	1	2	3	4	5
Becoming ill from <i>E. coli</i> bacteria	1	2	3	4	5
Becoming ill from <i>Salmonella</i> poisoning	1	2	3	4	5
Eating beef contaminated with Mad Cow Disease	1	2	3	4	5
Contracting West Nile virus	1	2	3	4	5

7. Have you done any of the following in regard to CWD? If not, please go to **Question 9**. Please **check all that apply**.

☐ called a DNR office
 ☐ written a letter to DNR
☐ spoken with DNR personnel
 ☐ visited DNR website for CWD information
☐ attended a meeting on CWD
 ☐ other (please explain): _____

8. How would you rate the quality of the information provided by the IDNR on CWD?

poor	fair	good	excellent	undecided
1	2	3	4	5

9. How many deer would you say have been found to be infected with CWD to date (April 1st, 2004) in the state of Illinois? Please **check one** response.

☐ 0 deer
 ☐ 30 deer
 ☐ 75 deer
☐ 10 deer
 ☐ 40 deer
 ☐ 100 deer
☐ 20 deer
 ☐ 50 deer
 ☐ more than 100 deer

Section 3. Hunting Access. Please answer the following questions about land access for **hunting in ILLINOIS**.

1. On which of the following types of property did you hunt **most often** during the 2003-04 season?

☐ State lands (state parks, conservation areas, etc.)
☐ Federal lands (national wildlife refuges, Shawnee National Forest, etc.)
☐ My own private property
☐ Private property not owned by me

2. Have you ever lost hunting access to land where you hunted in Illinois?

☐ Yes
 ☐ No (Please go to **Section 4**)

3. How long had you hunted on the land where you lost access? _____ Years

4. Have you lost access at more than one location where you hunt? _____ Yes _____ No

5. In what counties have you lost access to hunting land?
- _____ County
- _____ County
- _____ County

6. What species did you hunt on the land where you lost access? _____

7. What type of land ownership was the land where you lost access for hunting? Please choose **one response**.

- _____ 1) private land owned by one landowner who lived on the land
- _____ 2) private land owned by one landowner who lived outside of the area
- _____ 3) private land owned by a land trust
- _____ 4) private land owned by a corporation
- _____ 5) public land
- _____ 6) not sure who owned the land

8. What was the reason why you lost access to the land where you used to hunt? Please choose **one response**.

- _____ 1) land was sold to another landowner
- _____ 2) land was sold to a developer
- _____ 3) land was leased by other hunters
- _____ 4) land was leased by a guide or outfitter
- _____ 5) landowner decided to discontinue allowing hunters on the land
- _____ 6) land use changed (for example timber harvested, mined, or quarried)
- _____ 7) other (please explain): _____

9. If you lost access to the land where you used to hunt, did you find other land?

- _____ Yes, other private land in the same county
- _____ Yes, other private land in another county What county? _____
- _____ Yes, public land in the same county
- _____ Yes, public land in another county What county? _____
- _____ No, I have not found other land

10. How did losing access to your hunting spot **affect your time spent hunting**? Please circle the number that matches your response.

Decreased Considerably	Decreased Moderately	Decreased Slightly	No Change	Increased Slightly	Increased Moderately	Increased Considerably
1	2	3	4	5	6	7

11. How long did it take you to find other land on which to hunt? Please check **one response**.

- _____ 1) less than a month
- _____ 2) more than 1 month, but less than 6 months
- _____ 3) between 6 months and a year
- _____ 4) more than 1 year
- _____ 5) I'm still looking
- _____ 6) I gave up looking and no longer hunt at all

Section 4. Wildlife Management in Illinois. Please provide your opinions of the Illinois Department of Natural Resources efforts to manage Illinois' wildlife resources by responding to the following questions.

1. How **IMPORTANT** to you are the following wildlife management programs? Please circle **ONE** number that matches your response for each item.

Program or Activity	Not Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Public land permit allocation	1	2	3	4	5
Habitat enhancement programs	1	2	3	4	5
Firearm deer permit allocation procedures	1	2	3	4	5
Archery deer permit allocation procedures	1	2	3	4	5
Land acquisition projects	1	2	3	4	5
Threatened and endangered species projects	1	2	3	4	5
Deer management programs to control chronic wasting disease	1	2	3	4	5
Nonresident permit allocation	1	2	3	4	5

2. How **SATISFIED** are you with the following wildlife management programs? Please circle ONE number that matches your response for each item.

Program or Activity	Not Satisfied	Slightly Satisfied	Moderately Satisfied	Very Satisfied	Extremely Satisfied
Public land permit allocation	1	2	3	4	5
Habitat enhancement programs	1	2	3	4	5
Firearm deer permit allocation procedures	1	2	3	4	5
Archery deer permit allocation procedures	1	2	3	4	5
Land acquisition projects	1	2	3	4	5
Threatened and endangered species projects	1	2	3	4	5
Deer management programs to control chronic wasting disease	1	2	3	4	5
Nonresident permit allocation	1	2	3	4	5

Section 5. General Information. The following questions are important to help us understand more about the people involved in hunting in Illinois. Please tell us something about yourself by completing the following questions. All responses are kept confidential.

1. How many years have you hunted in Illinois? _____ Years
2. What is your county of residence? _____ County
3. What is your gender? _____ Male _____ Female
4. Please give your age. _____ Years
5. What was your approximate total household income before taxes in 2002? (Check one number)
_____ 1) Under \$20,000 _____ 3) \$40,000-\$59,999 _____ 5) \$80,000-\$99,999
_____ 2) \$20,000-\$39,999 _____ 4) \$60,000-\$79,999 _____ 6) \$100,000 or more

COMMENTS

This study is funded by the federal Wildlife Restoration fund
through your purchase of hunting arms and ammunition.

**RETURN ENVELOPE IS PROVIDED – POSTAGE-PAID
THANK YOU FOR YOUR TIME AND ASSISTANCE!**

Your input will help us understand more about hunters and hunting in Illinois.

The Illinois Department of Natural Resources receives federal assistance and therefore must comply with federal anti-discrimination laws. In compliance with the Illinois Human Rights Act, the Illinois Constitution, Title VI of the 1964 Civil Rights Act, Section 504 of the Rehabilitation Act as amended, and the U.S. Constitution, the Illinois Department of Natural Resources does not discriminate on the basis of race, color, sex, national origin, age, or disability. If you believe you have been discriminated against in any program, activity, or facility, please contact the Equal Employment Opportunity Officer, Department of Natural Resources, One Natural Resources Way, Springfield, IL 62702-1271, (217) 782-7616 or the Officer of Human Resources, U.S. Fish and Wildlife Service, Washington, D.C. 20240.

Appendix C

Dear Illinois Hunter,

You are one of a select group of Illinois hunters asked to provide information about your hunting activities during the 2003-2004 hunting season. Please complete the enclosed questionnaire and return it to us as soon as possible. The information you and other selected hunters furnish our biologists is vital for proper wildlife management and allows us to safeguard wildlife populations while maximizing hunting opportunities.

This survey is limited to those hunters selected. Please take a few minutes to complete the enclosed questionnaire **even if you were not successful**. A postage-paid envelope is provided for returning the questionnaire to us.

Thank you for your time and assistance.

Sincerely,

Craig A. Miller, Ph.D.
Wildlife Harvest and Human Dimensions Research Program

Appendix D

Dear Illinois Hunter,

As one of a select group of Illinois hunters during the 2003-2004 season, you have been asked to provide information about your hunting activities. We recently mailed you a survey questionnaire regarding your hunting experiences in Illinois during the 2003-2004 season. We have not received your completed questionnaire at this time. Perhaps you recently mailed the questionnaire and it has not yet arrived in our office. If so, we thank you.

If you have not returned your completed questionnaire to us, please do so as soon as possible. Another copy of the questionnaire is enclosed. **The information you and other selected hunters furnish our biologists is vital for proper wildlife management and allows us to safeguard wildlife populations while maximizing hunting opportunities.**

This survey is limited to those hunters selected. Please complete the enclosed questionnaire **even if you were not successful**. A postage-paid envelope is provided for you to return the questionnaire to us.

If you have questions, please call us at (217) 244-5121. Thank you for your time and assistance.

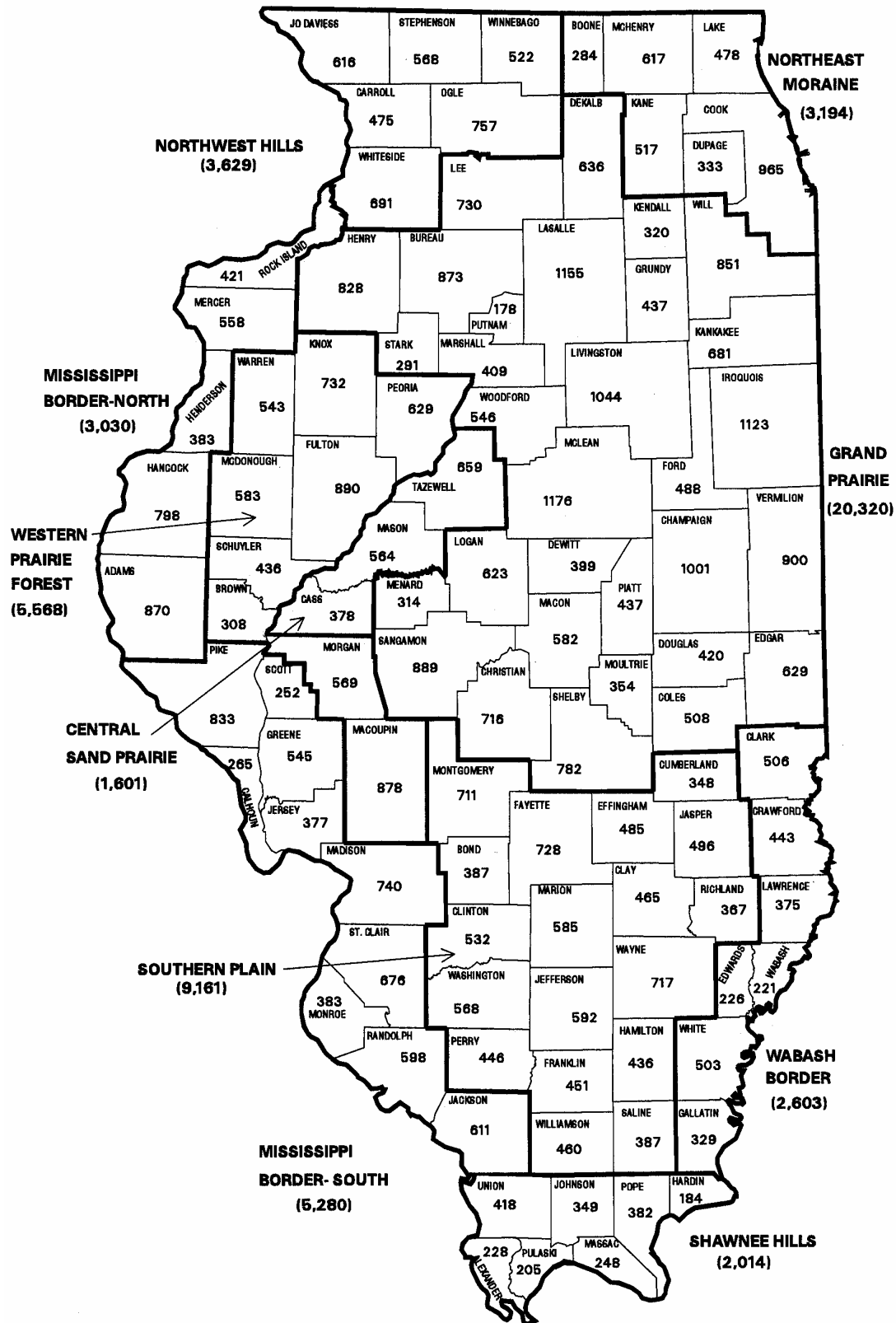
Sincerely,

Craig A. Miller, Ph.D.
Wildlife Harvest and Human Dimensions Research Program

Second cover letter

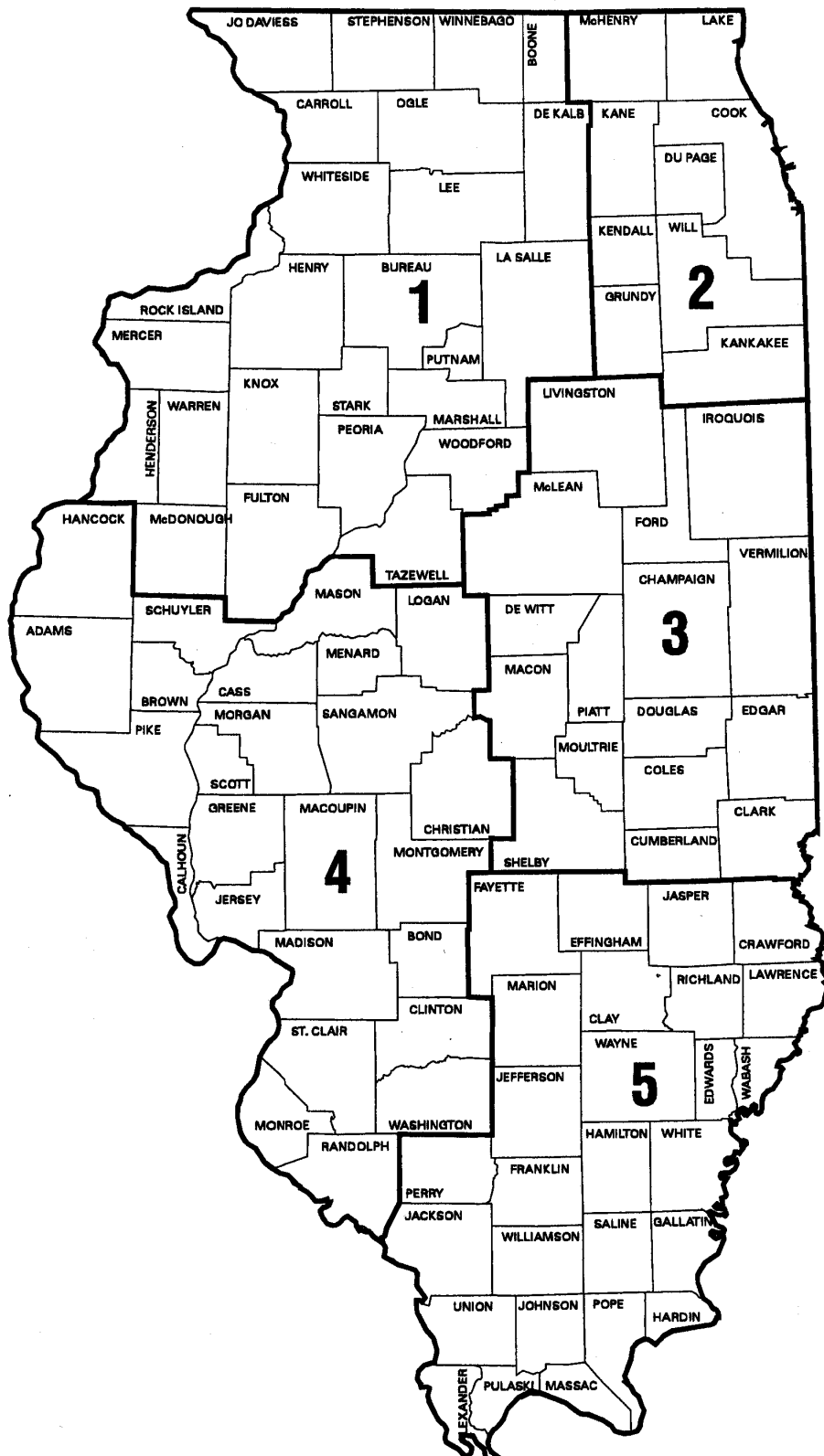
Appendix E

Wildlife management units in Illinois (square miles in parentheses).



Appendix F

Administrative regions in Illinois.



Appendix G

Itemized Responses to the 2003-04 Hunter Harvest Questionnaire

Section 1.

2. Did you hunt waterfowl in Illinois during the 2003-04 season? (n = 1,530)

Hunt Waterfowl in Illinois	Number of Respondents	Percent Response
Yes	304	20
No	1226	80

3. Which of the following resident Illinois hunting license types did you purchase **for your personal use** for the 2003-04 season? (n = 1,706)

Hunting License Types	<u>Number of Hunters Buying:</u>		
	1 license	2 licenses	3 licenses
Regular hunting license without Habitat Stamp ^a	470	3	0
Regular hunting license with Habitat Stamp printed on license	214	0	0
Sportsman's combination license without Habitat Stamp ^a	364	0	0
Sportsman's combination license with Habitat Stamp printed on license	431	0	0
Senior citizen's hunting license	93	0	0
Resident senior sportsman's combination license	172	1	0

^a There were 780 respondents who purchased a separate Habitat Stamp to be affixed to licenses (777 purchased 1 stamp and 3 purchased 2 stamps).

4. Did you purchase any of the following over the internet during the past 12 months? (n = 1,879)

Type of License	Number of Respondents	Percent Response
Illinois Resident Hunting License	82	4
Illinois Habitat Stamp	61	3
Illinois State Waterfowl Stamp	19	1
Illinois Trappers License	1	<1
Nonresident hunting license for a state other than Illinois ^a	49	3
One or more of the above	146	8

^a See Appendix H for a list of states

5. Did you pay to hunt on a private hunting preserve during 2003-2004 hunting seasons? (n = 1,843)

Pay Hunt	Number of Respondents	Percent Response
Yes	196	11
No	1,647	89

5a. If “Yes” what species did you hunt on a private hunting preserve? (n = 196)

	Number of Respondents	Percent Response ^a
Pheasants	162	83
Quail	65	33
Chukar	62	32
Dove	12	6
White-tailed Deer	23	12
Wild Boar/Pigs	3	2
Other Exotic Game ^b	2	1
Other Small Game ^c	7	4

^a Percentages total more than 100 percent because respondents could choose more than one answer.

^b Elk and corsic ram.

^c Ducks, geese and rabbits.

Section 2. Chronic Wasting Disease – Separate Report

Section 3. Hunting Access – Separate Report

Section 4. Wildlife Management in Illinois.

1. How **IMPORTANT** to you are the following wildlife management programs?

Program or Activity	(n)	Percent Response				
		Not Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Public land permit allocation	(1,749)	12	13	28	29	18
Habitat enhancement programs	(1,754)	4	6	20	38	32
Firearm deer permit allocation procedures	(1,761)	8	7	23	36	26
Archery deer permit allocation procedures	(1,742)	16	10	22	29	23
Land acquisition projects	(1,731)	10	11	27	28	24
Threatened and endangered species projects	(1,739)	8	11	23	28	30
Deer management programs to control chronic wasting disease	(1,767)	4	7	16	30	43
Nonresident permit allocation	(1,754)	18	16	22	18	26

2. How **SATISFIED** are you with the following wildlife management programs?

Program or Activity	(n)	Percent Response				
		Not Satisfied	Slightly Satisfied	Moderately Satisfied	Very Satisfied	Extremely Satisfied
Public land permit allocation	(1,691)	8	16	49	21	5
Habitat enhancement programs	(1,695)	7	15	48	23	6
Firearm deer permit allocation procedures	(1,718)	10	10	40	31	9
Archery deer permit allocation procedures	(1,673)	7	11	35	34	12
Land acquisition projects	(1,675)	11	18	46	18	6
Threatened and endangered species projects	(1,680)	5	13	45	28	9
Deer management programs to control chronic wasting disease	(1,697)	6	13	43	28	10
Nonresident permit allocation	(1,683)	20	17	41	16	6

Section 5. General Information.

1. How many years have you hunted in Illinois? (n = 1,851) Mean = 30 years

2. County of residence for respondents of the 2003-04 Hunter Harvest Survey. (n = 1,879)

County	Number of Residents	County	Number of Residents	County	Number of Residents
Adams	26	Hardin	1	Morgan	1
Alexander	3	Henderson	11	Moultrie	9
Bond	11	Henry	49	Ogle	10
Boone	5	Iroquois	12	Peoria	64
Brown	22	Jackson	11	Perry	17
Bureau	15	Jasper	7	Piatt	8
Calhoun	8	Jefferson	8	Pike	3
Carroll	16	Jersey	54	Pope	2
Cass	7	Jo Daviess	37	Pulaski	11
Champaign	27	Johnson	3	Putnam	1
Christian	7	Kane	23	Randolph	54
Clark	7	Kankakee	15	Richland	6
Clay	1	Kendall	10	Rock Island	37
Clinton	30	Knox	26	St. Clair	96
Coles	19	Lake	7	Saline	7
Cook	60	LaSalle	26	Sangamon	13
Crawford	8	Lawrence	2	Schuyler	23
Cumberland	3	Lee	23	Scott	1
De Kalb	14	Livingston	20	Shelby	16
DeWitt	23	Logan	5	Stark	5
Douglas	19	McDonough	2	Stephenson	2
Du Page	29	McHenry	15	Tazewell	49
Edgar	4	McLean	77	Union	8
Edwards	3	Macon	54	Vermilion	16
Effingham	12	Macoupin	26	Wabash	2
Fayette	6	Madison	141	Warren	11
Ford	1	Marion	11	Washington	6
Franklin	46	Marshall	18	Wayne	3
Fulton	35	Mason	18	White	4
Gallatin	5	Massac	0	Whiteside	15
Greene	30	Menard	7	Will	30
Grundy	3	Mercer	7	Williamson	12
Hamilton	8	Monroe	8	Winnebago	31
Hancock	18	Montgomery	18	Woodford	23

3. What is your gender? (n = 1,879)

Gender	Percent Response
Male	96
Female	4

4. Please give your age. (n = 1,863) Mean = 48 years

5. What was your approximate total household income before taxes in 2002? (n=1,627)

Income	Percent Response
Under \$20,000	10
\$20,000-\$39,999	24
\$40,000-\$59,999	27
\$60,000-\$79,999	20
\$80,000-\$99,999	10
\$100,000 or more	9
Mean	\$56,000

Appendix H

Write in responses to the selected items from the 2003-04 Illinois Hunter Harvest Survey.

Section 1.

Question 4. Purchase of nonresident hunting licenses by state (n = 49).

State	Number of Respondents	Percent Response
Wisconsin	11	22
Iowa	7	14
Michigan	6	12
North Dakota	5	10
Arkansas	5	10
Texas	4	8
Colorado	3	6
Missouri	3	6
Kansas	2	4
Kentucky	2	4
Montana	2	4
Indiana	1	2
Florida	1	2
Minnesota	1	2
Mississippi	1	2
Nebraska	1	2
South Dakota	1	2
Tennessee	1	2
Utah	1	2
Wyoming	1	2
Unknown ^a	1	2

^aOne respondent did not list the state they were purchasing a license for.